

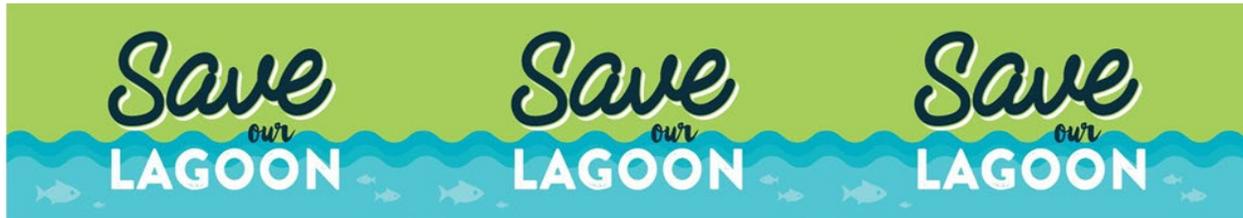
## Save Our Indian River Lagoon Project Plan July 2021 Progress Report

### WORK COMPLETED THIS MONTH:

- Revenues are nearly \$2 million ahead of the forecast used for the 2021 Plan Update
- South Beaches O Septic-to-Sewer –Design complete; In permitting
- Micco Septic-to-Sewer – All necessary permits received, final bid documents under review
- INRB Study – First quarterly sampling complete
- Septic Upgrades – 4 reimbursements processed
- Big Muddy Baffle Box – construction complete
- Sunset Road/Serenity Park/Basin 26 and Johns Rd/Basin 62 – Bids have been awarded to Contractor
- Eau Gallie Northeast Muck Project – Additional information submitted to regulatory agencies
- Cocoa Beach Golf Muck Project – Additional vibracore field collection complete
- Living Shoreline Performance - University of Central Florida conducted 3-month monitoring at Wexford and found a 92.5% increase in live oysters since May while 24-month monitoring at Marina Isles found an 18.6% decrease from December, though still 55.6% above original deployment density. 1-year monitoring at Fisherman’s Landing and Suntree Rotary Park found poor survival of spartina and mangroves, most likely due to shoreline erosion.
- Derelict Vessels – 3 removed
- Fiscal Year 2020 audit found revenue and expense accounting to be in full compliance, no exceptions
- Video - Oak Point Package Plant to Central Sewer and David Sherrer’s My Lagoon Story complete

### WORK UNDERWAY THIS MONTH:

- Brevard County Smoke Testing – expected to start this fall and finish in December; finalizing code enforcement mechanism
- Beaches Leaking Sewer Laterals – 63 of 280 repairs complete; 10 reimbursements processed to date
- Sylvan Estates Septic to Sewer –all homes connected to sewer; all septic abandoned, replacing sod
- South Central C Septic-to-Sewer – bid price reduced with value engineering but still over budget
- Sykes Creek T Septic-to-Sewer – awaiting approve from the Girl’s Scouts for property acquisition
- Sykes Creek N Septic-to-Sewer –60% design underway
- South Beaches P Septic-to-Sewer –corridor study complete; moving forward with preliminary design
- Septic Upgrades – 75 in progress; 28 reimbursements completed
- Grand Canal Muck Dredging – Approximately 87,000 cubic yards of muck dredged through May
- Sykes Creek Phase I – Awaiting prequalification documents from contractor
- Contracts - Melbourne Pennwood Septic to Sewer was executed, Oak Point Conversion to Sewer was amended to incorporate a grant, and Cocoa Beach Phase IIb Muck and Sherwood Park Stormwater improvements were extended
- Videos Underway - Ray Bullard Stormwater Project, Jackson Court Stormwater Project, Convair Cove Low Impact Development and Susan Hodgers’ My Lagoon Story
- Grants – Seeking Tourism + Lagoon, state Wastewater Improvements and state Innovative funds



#### **PRESENTATIONS THIS MONTH:**

May 26 – Thinking Bigger for Brevard – Virginia  
June 1 – Fly Fishing Club – Virginia  
June 29 – Marine Resources Council Social Marketing Collaboration – Becky Clarkson  
July 14 – Brevard Soil and Water Board Presentation – Brandon  
July 21 – Permitting Summer School - Virginia  
August 24 – Sewalls Point City Council - Virginia

#### **UPCOMING LAGOON SCIENCE FORUMS AND PUBLIC EVENTS:**

July 6 – Marine Resources Council Lunch and Learn Webinar: [FIT Bottle Cap Water Filtration Project](#)  
July 27 & 29 – Florida Fish and Wildlife Commission’s Aquatic Habitat Workshop  
August 3 – Marine Resources Council Lunch and Learn Webinar: [Low Impact Development](#)  
October 21-22 – [Marine Resources Council Low Impact Development Conference](#)

#### **UPCOMING VOLUNTEER PARTICIPATION OPPORTUNITIES:**

July 10 & 28 – Brevard Zoo [Restore Our Shores Oyster Gardening Training Workshop](#)  
July 11 – Keep Brevard Beautiful: Banana River/Kelly Park Cleanup – [email Amanda Muzaurieta for details](#)  
July 26 – Brevard Zoo [Restore Our Shores Oyster Reef Build](#)  
Brevard Zoo Restore Our Shores [Clam Restoration Project seeking volunteers](#)  
Rotary Park rain garden maintenance – [Email Carlos Cuevas for opportunities](#)  
Storm drain marking in Cocoa – [Email Carlos Cuevas for opportunities](#)  
Storm drain marking in Melbourne – [Email Nicole Broquet for opportunities](#)  
Merritt Island National Wildlife Refuge Trash Cleanups Tuesday & Saturdays – [Email Micah Thomas](#)

#### **WEBSITE AND SOCIAL MEDIA LINKS:**

[Lagoon Loyal Outreach and Engagement Landing Page](#)  
[Save Our Indian River Lagoon Website](#)  
[Save Our Indian River Lagoon Facebook](#)  
[Save Our Indian River Lagoon Instagram](#)  
[Save Our Indian River Lagoon YouTube](#)

#### **FUTURE TOPICS FOR SPECIAL PRESENTATIONS:**

1. Pollution and Algal Bloom Mapping via Satellite Imagery Interpretation
2. Lagoon projects managed and funded by other agencies, entities or grant programs
3. Low Impact Development/Resilience – Local examples, efforts and potential opportunities
4. Wastewater Utility Asset Management Planning – Todd Swingle
5. Re-use/Reclaimed Water – Nutrient Loading Impacts and Opportunities
6. Surface Water Remediation – Phosphorus Free, S.W.I.G., D.T.G., Chemical Tech, HABITATS
7. New Enhanced Ocean Inflow Research – Florida Tech Research Initiative
8. Completed and Ongoing Muck Research – Florida Tech Research Initiative
9. Indian River Lagoon Research News: TechCon, Shore, and Harbor Branch Symposium Highlights
10. Water Technology Conference/Industry Day – Economic Development and National Estuary Program
11. Lagoon Fish and Fisheries Research – Dr. Grant Gilmore
12. Project Monitoring Results